





FLUOR DANIEL

9513338.1875

US DEPARTMENT OF ENERGY  
HANFORD WASTE VITRIFICATION PLANT

### DESIGN CHANGE NOTICE

DCN - 0170

REV 0

PAGE 1 OF 3

DCN TITLE REVISED FLUSHING  
TEST PROCEDURE

DATE INITIATED  
1-28-94  
**3-8-94 GIC**

PACKAGE NO.  
A160

#### SECTION 1: DESCRIPTION OF CHANGE

REVISE RWX AND FWX SYSTEM CLEANING REQUIREMENTS TO  
CONFORM WITH NFPA

FOR LIST OF AFFECTED DOCUMENTS, SEE SECTIONS 6 AND 7.

#### CAUSE OF CHANGE:

- Field Change Request
- Supplier Disposition
- Deficiency Report
- Design Development
- Change Request
- TBD/Hold

Other  
DESIGN DEVELOPMENT

Initiating Document(s)

#### SECTION 2: EVALUATION

WAPA DWG/SPEC? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	IF "YES", ADDITIONAL REVIEW REQUIRED BY:	REVIEWER COMMENTS AND SIGNATURE/DATE
QUALITY LEVEL 1 DWG/SPEC? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
SAFETY CLASS 1 OR 2 DWG/SPEC? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
SYSTEMS ANALYSES AFFECTED? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
MULTI-DISCIPLINE CHANGE? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		

DCN Evaluated by: Systems Steve W. White ADM Steve W. White Others \_\_\_\_\_

#### SECTION 3: APPROVED FOR CONSTRUCTION

Originator Steve W. White Date 1/28/94  
 Project/Resident Engineer Steve W. White Date 3/8/94  
Eric P. Bedel Date 1/28/94

#### SECTION 4: CONCURRENCE

Edward Jacobs FOR PWB 5/2/94 Date  
 Project Management  
James E. Savage 5-10-94 Date  
 Systems  
Alvin Yon 5-12-94 Date  
 Independent Safety  
James E. Kelly 5-12-94 Date  
 Quality Assurance  
Francis Stokes 5-4-94 Date  
 Configuration Management

#### SECTION 5: RELEASED FOR CONSTRUCTION

PE STAMP REQUIRED?  NO  YES  
RD. Smith 5/25/94 Date  
 WHC  
R. Walker 5-25-94 Date  
 UCAT  
James E. C. 5/25/94 Date  
 DOE

COMMENTS:



951333B.1876

<b>FLUOR DANIEL</b>  US DEPARTMENT OF ENERGY HANFORD WASTE VITRIFICATION PLANT  <b>DESIGN CHANGE NOTICE</b>	REV 0	DISCIPLINE CIVIL	PKG. NO. A160	PAGE 2 OF 3
	<b>DCN 0170</b>			
	PREPARED BY: <i>[Signature]</i>		Date: 1/28/94	
DISCIPLINE ENGINEER: <i>[Signature]</i>		Date: 1/28/94		

SECTION 6: CONSTRUCTION DOCUMENTS AFFECTED					
DOCUMENT NUMBER	SHT/PAGE	REV NO	DOCUMENT NAME	INCLD Y/N	DESCRIPTION OF CHANGE
B-595-C-A160-15061	38	2	PIPING MATERIAL FABRICATION, ERECTION AND PRESSURE TESTING	Y	REVISE CLEANING REQUIREMENT

SECTION 7: NON-CONSTRUCTION DOCUMENTS AFFECTED					
This section references affected items such as P&IDs or calculations/analyses, but they are generally not included in DCN package.					
DOCUMENT NUMBER	SHT/PAGE	REV NO	DOCUMENT NAME	DESCRIPTION OF CHANGE	
NA					

9513338.1877

1. REVISE SUBSECTION 3.3.1.A2 TO READ:

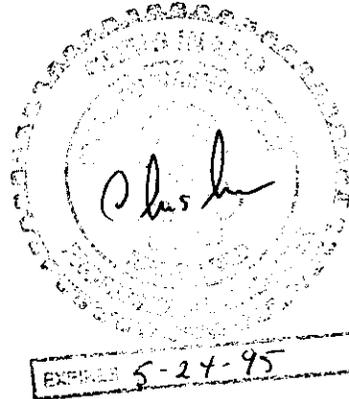
"DRX AND SWX SYSTEMS FLUSHING VELOCITY SHALL NOT EXCEED 10 FPS BUT A MINIMUM OF 4 FPS. FWX AND RWX SYSTEMS FLUSHING VELOCITY SHALL NOT EXCEED 15 FPS BUT SHALL BE A MINIMUM OF 10 FPS"

2. DELETE "(METALLIC PIPING)" FROM SUBSECTION 3.3.1

3. ADD "(METALLIC PIPING ONLY)" AT END OF SUBSECTION 3.3.1.A.5

GIC  
3/8/94

ISSUED FOR DEPARTMENT  
OF ECOLOGY PERMIT ONLY



5/10/94

 <b>FLUOR DANIEL</b>		<b>U.S. DEPARTMENT OF ENERGY</b> <b>HANFORD WASTE VITRIFICATION PLANT</b>		<b>DESIGN CHANGE NOTICE</b>	
<b>DESCRIPTION OF CHANGE</b> <b>REVISE FLUSHING REQUIREMENTS</b>				<b>BASE DOC. NO. B-595-C-A160</b> <b>SECT. 15061</b> SHT/PG. 38	
				<b>REV. 2</b>	
				<b>DISCIPLINE: CIVIL</b>	
<b>PREPARED BY:</b> <i>[Signature]</i>		<b>DATE:</b> <i>1/28/94</i>		<b>REV</b>	
<b>DISCIPLINE ENGINEER:</b> <i>[Signature]</i>		<b>DATE:</b> <i>1/28/94</i>		<b>PG</b>	
				<b>DCN - 0170</b>	
				<b>0</b>	
				<b>3</b>	